

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 November 2005 (24.11.2005)

PCT

(10) International Publication Number
WO 2005/110772 A1

(51) International Patent Classification⁷: **B42D 15/00**

(21) International Application Number:
PCT/EP2004/012316

(22) International Filing Date: 29 October 2004 (29.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
MI2004A000984 17 May 2004 (17.05.2004) IT

(71) Applicant (for all designated States except US): **FABRI-
ANO SECURITIES S.R.L.** [IT/IT]; Strada del Linfano,
16, I-38062 Arco (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **LAZZERINI, Mau-
rizio** [IT/IT]; Via Adamello, 7, I-20070 Cerro al Lambro
(IT).

(74) Agent: **MODIANO, Guido**; Modiano & Associati, Via
Meravigli, 16, I-20123 Milano (IT).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

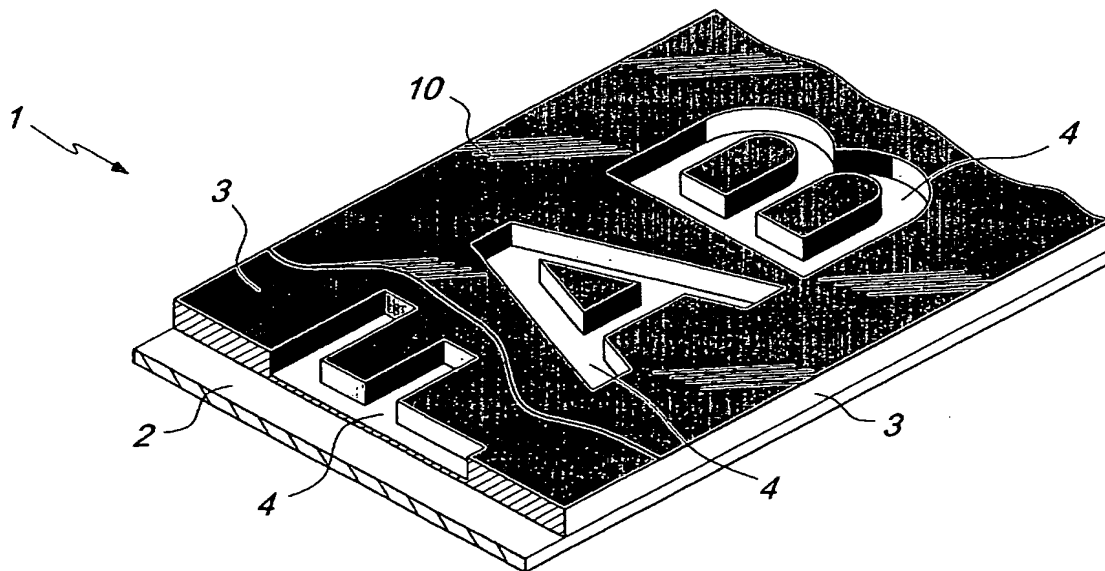
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: SECURITY ELEMENT FOR DOCUMENTS IN GENERAL AND PARTICULARLY FOR BANKNOTES, SECURITY
CARDS AND THE LIKE



(57) Abstract: A security element for documents in general and particularly for banknotes, security cards and the like, comprising a flexible support layer that has a layer of metallic material on at least one face, said metallic layer having a substantially uniform thickness with a tolerance of less than $\pm 4\%$, and on said metallic layer at least regions are provided having a metal thickness that is less than 25 % and more than 1 % of the thickness of the layer of metallic material of the surrounding portions.

WO 2005/110772 A1

BEST AVAILABLE COPY